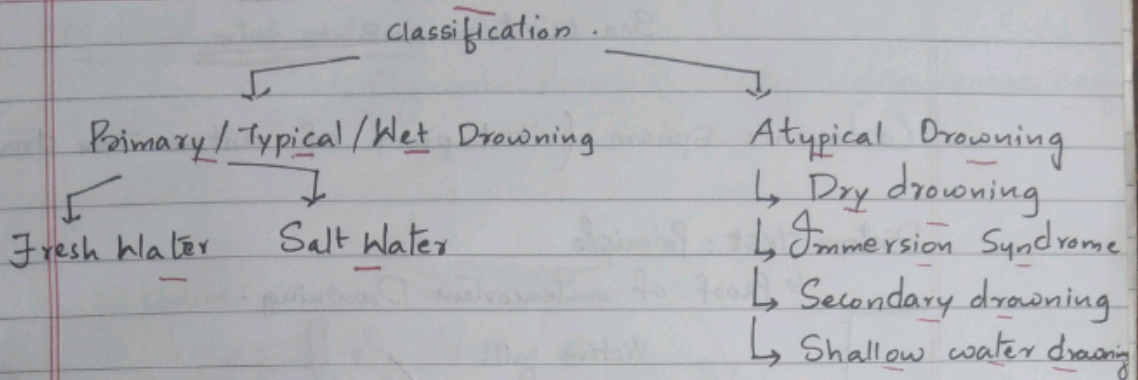
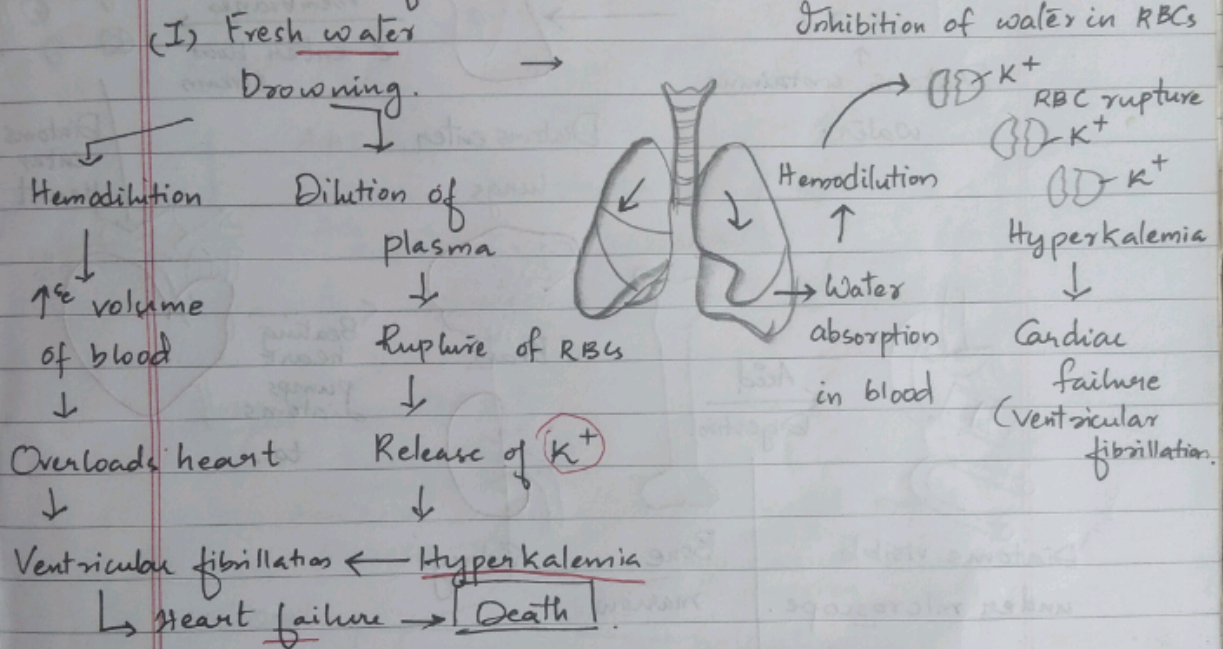


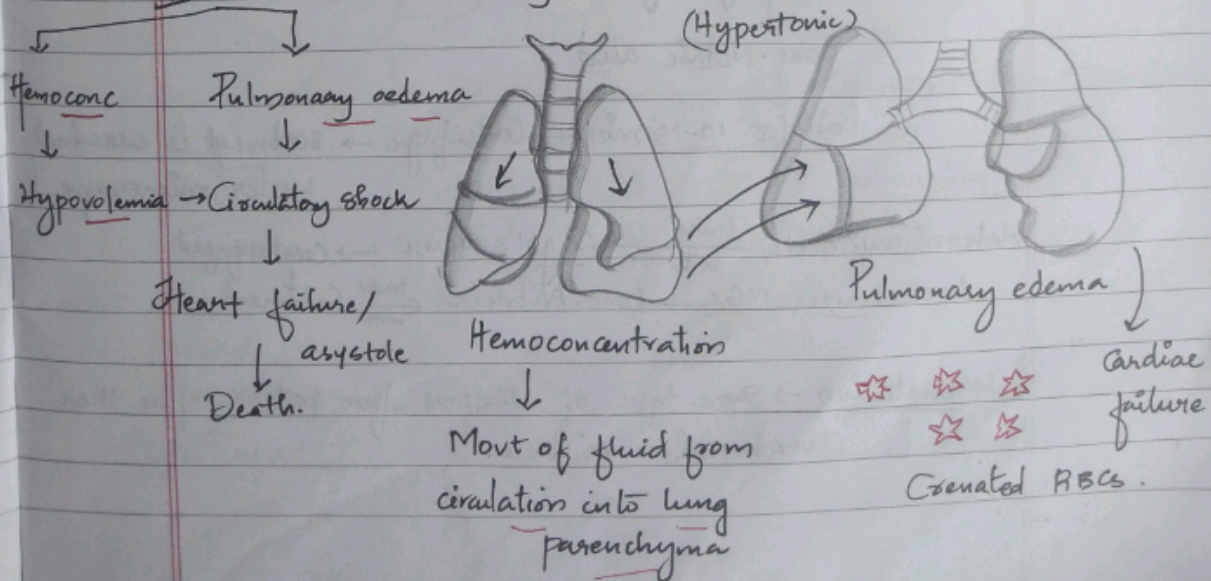
# (C) DROWNING.



## Mechanism of Death



## II Sea Water Drowning

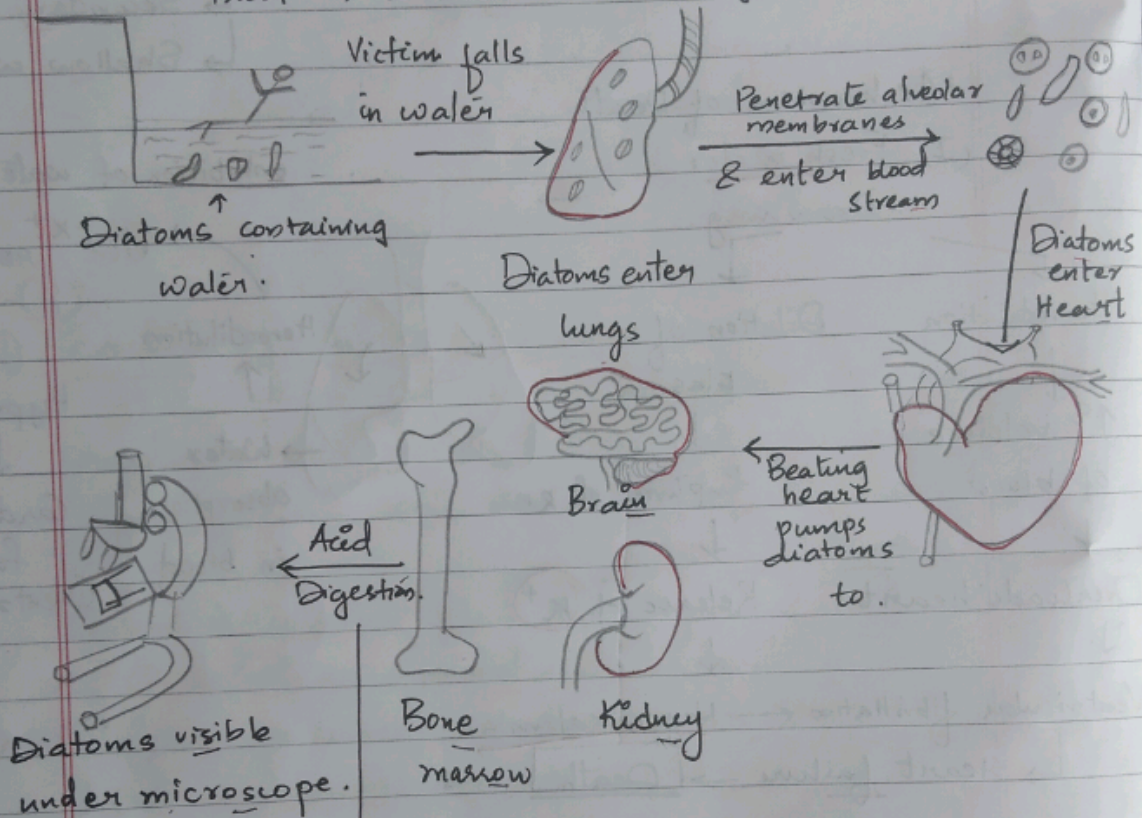


Fatal period - Fresh Water = 4-5 min  
Sea Water = 8-12 min.

Cadaveric Spasm - (vital proof of antemortem drowning)

Diatom Test: Principle

↳ Proof of antemortem Drowning.



5-10 gm of bone marrow is treated with  
↓  
conc. Nitric acid  
↓  
boil for 10-15 min → Centrifuge → sediment is examined under microscope

Water Sample (1L)  $\xrightarrow{\text{treated with}}$  Lugol's iodine → centrifuged  
↓  
Sediment  $\xrightarrow{\text{treated with}}$  Conc. Nitric acid → Looked under MS

Interpretation → Same type of diatoms from both samples then corroborative evidence.